Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 00:00 on Wednesday 16 Dec 2020 until 23:59 on Thursday 17 Dec 2020

Forecast Issued on Tuesday 15 Dec 2020 at 16:31

Confidence: High for the run of unsettled weather with bands of rain interspersed with showers crossing from the west, however confidence lowering through the forecast in the timings and intensity of the worst of the conditions.

Headline for Wednesday 16 Dec 2020: Feeling bitter in severe gale to storm force summit winds. Dull with periods of rain Wednesday morning. Clearing to showers during the afternoon.

Mountain weather hazards on Wednesday 16 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Dull	Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain showers	Light rain showers (night)	Light rain showers (night)
Precipitation probability							
10%	40%	90%	90%	90%	40%	30%	30%

Forecast for Wednesday 16 Dec 2020

Weather: Area of rain spreading from the southwest to reach all parts overnight. Overcast through the morning with periods of rain which turns heavy at times, particularly across southern facing routes, also some sleet and wet snow across highest summits from mid-day. Rain clearing erratically from the west during the afternoon, with outbreaks heaviest and most frequent across western ranges, bringing a chance of hail and thunder.

Chance of cloud free mountain/hill tops above 800m: Through the morning 10% or less with bases quite extensive from 500-650m, becoming during the afternoon 70% as the showery flow spreads in.

Visibility: Mainly moderate or poor by morning, becoming generally good during the afternoon, but continuing to lower to a handful of kilometres in later showers.

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Forecast for Wednesday 16 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	50/59 SE	54/66 SE	55/68 S	49/60 S	32/41 S	30/39 SW	31/40 SW	35/45 SW	30/38 SW
600	33/41 SE	40/51 SE	39/51 S	34/45 S	23/32 S	20/29 S	21/30 S	25/33 S	19/27 SW
300	23/39 SE	27/46 SE	26/45 S	22/38 S	15/27 S	13/26 S	13/27 S	15/29 S	11/24 SW
Valley	23/39 SE	28/46 SE	27/45 S	22/39 S	15/28 S	14/26 S	13/26 S	15/28 S	11/23 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	2/-7	3/-6	3/-5	4/-4	3/-4	2/-4	2/-6	2/-6	2/-5
600	4/-2	5/-2	6/-1	6/-1	5/-0	4/-1	4/-2	4/-2	4/-1
300	6/2	8/3	8/3	8/4	7/4	7/3	6/2	6/2	6/3
Valley	8/3	9/4	9/5	9/5	9/5	8/5	7/4	7/3	7/4
Freezing Level*	1300m	1500m	1500m	1600m	1300m	1200m	1100m	1200m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Potentially dangerous conditions for the morning with extensive hill fog combining with driving rain and, across highest summits, severe gale to storm force winds which bring a severe wind chill.

Forecast for Thursday 17 Dec 2020

Weather: Sunshine and showers by day with the bulk of the outbreaks mainly during the morning, with again these wintry at times over highest summits. Cloud thickening and lowering from the west from early afternoon, with an area of rain extending across all by early evening, with further heavy outbreaks and extensive hill fog.

Maximum wind: South to southwest increasing mean 35-40mph from the afternoon with gusts reaching 60mph across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 800m: 60% during the morning with bases lowering 450-600m as showers push through, becoming 80% for the afternoon.

Visibility: Generally good lowering moderate or poor in showers, then more generally in later rain.

Temperature: **Valleys:** Plus 4 Celsius increasing 11 Celsius during the afternoon
At 800m: Plus 2-4 Celsius
Freezing level: At or just above highest summits

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Ground Conditions Supplement
No recent ground conditions report available.

Issued at: 1631 on Tue 15 Dec 2020

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